



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

American Buildings Company  
1150 State Docks Road  
Eufaula, Alabama 36027

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: "L3P" 0.023" (min.) Galvalume Steel Structural Roof Panel

**APPROVAL DOCUMENT:** Drawing No. MD-L3P24, titled "Long Span III Roof Panel", sheets 1 through 7 of 7, prepared by American Buildings Company, last revision #1 dated April 25, 2014, signed and sealed by Jeffrey C. Walsh, P.E. on April 25, 2014, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and the approval date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact

**LABELING:** Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
05/22/2014

NOA No. 13-1205.04  
Expiration Date: 05/22/2019  
Approval Date: 05/22/2014  
Page 1

**American Buildings Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. MD-L3P24, titled "Long Span III Roof Panel", sheets 1 through 7 of 7, prepared by American Buildings Company, last revision #1 dated April 25, 2014, signed and sealed by Jeffrey C. Walsh, P.E. on April 25, 2014.*

**B. TESTS**

1. *Test report on Large Missile Impact Test Per TAS 201, on L3P Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T288-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on TAS 125-03 (ASTM E 1592) Positive Load Test on L3P Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T284-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
3. *Test report on TAS 125-03 (ASTM E 1592) Negative Load Test on L3P Roof Panel, prepared by Farabaugh Engineering and Testing, Inc., Report No. T283-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
4. *Test report on TAS 100-95 on L3P Structural Metal Roofing System, Wind Driven Test, prepared by Farabaugh Engineering and Testing, Inc., Report No. T286-13, dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*
5. *Susceptibility to leakage test in accordance with FM 4471, Appendix G, prepared by Farabaugh Engineering and Testing, Inc., Report No. T287-13, dated November 04, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*

**C. CALCULATIONS**

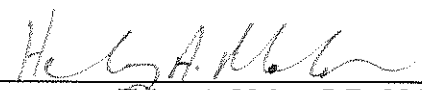
1. *Calculations titled "Longspan III, 24 Ga., Structural Metal Roof Panels, 11 pages, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on 11/26/13.*

**D. QUALITY ASSURANCE**

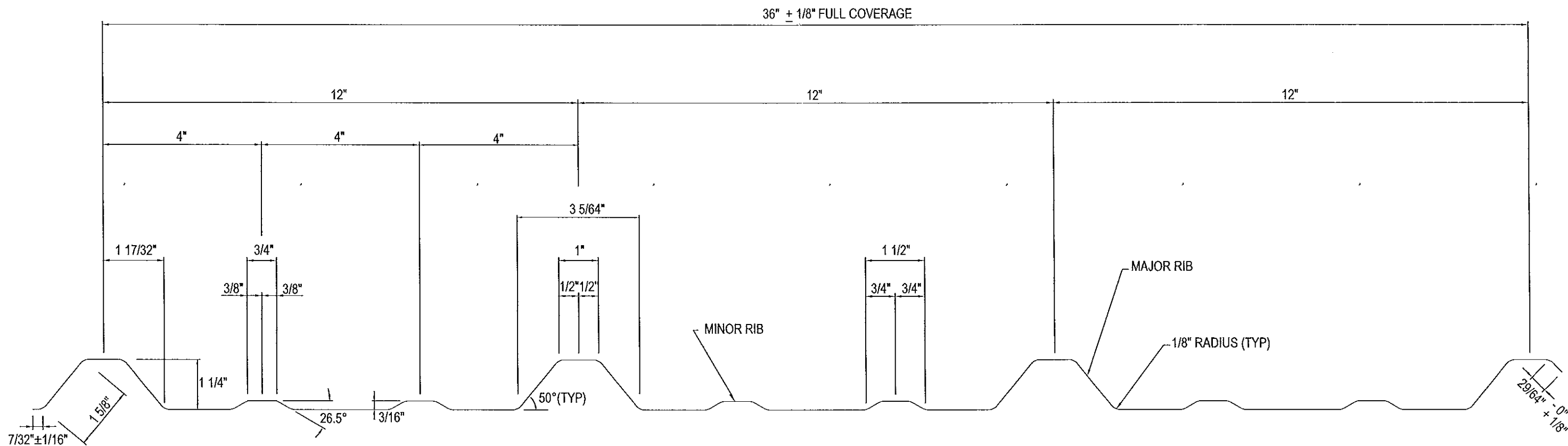
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *Tensile Test on specimen #0073-13 of Test Report No. T283-13 & T284-13, prepared by Farabaugh Engineering and Testing, Inc., dated November 01, 2013, signed and sealed by Daniel G. Farabaugh, P.E.*



**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 13-1205.04**  
**Expiration Date: 05/22/2019**  
**Approval Date: 05/22/2014**



# LONG SPAN III PANEL (L3P)

## DESIGN NOTES:

1. THIS ROOF PANEL IS APPROVED FOR SPANS UP TO 5'-0" MAXIMUM.
2. DEFLECTION SHALL BE LIMITED TO L/240.
3. THIS ROOF PANEL IS APPROVED FOR GRAVITY (POSITIVE) PRESSURE OF 78.1 PSF.
4. THIS ROOF PANEL IS APPROVED FOR UPLIFT (NEGATIVE) PRESSURES AS SHOWN IN THE TABLE BELOW.

PANEL SPAN	MAXIMUM UPLIFT PRESSURE (PSF)
5'-0"	64.3
4'-9"	67.7
4'-6"	71.5
4'-3"	75.7
4'-0"	80.4
3'-9"	85.7
3'-6"	91.9
3'-3"	98.9
3'-0"	107.2
2'-9"	116.9
2'-6"	128.6
2'-3"	141.7
2'-0"	148.8

## GENERAL NOTES

1. ALL DIMENSIONS ARE ± 1/32" (U.N.) EXCEPT TOLERANCE DIMENSIONS.
2. ALL ANGLES ±2° (U.N.)
3. COIL WIDTH = 42.75".
4. MATERIAL = 24 GA. (.023" MIN.), MINIMUM YIELD 98.7 KSI.
5. MINIMUM ALLOWABLE ROOF SLOPE = 1/2 ON 12.

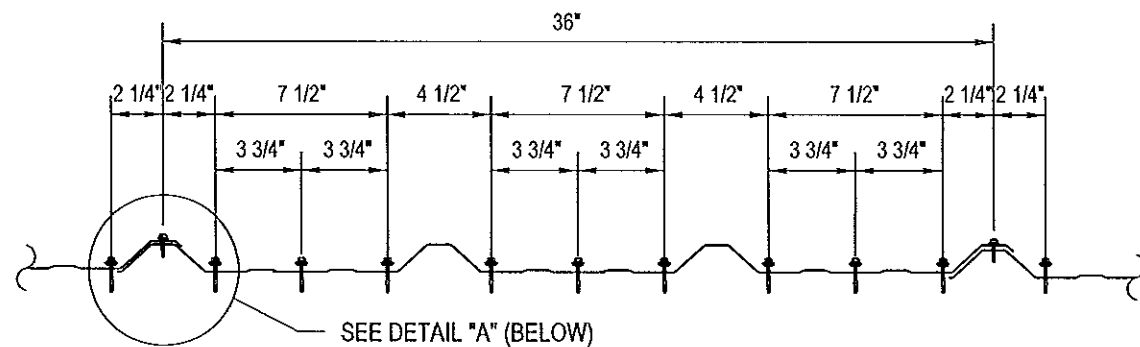
*Jeffrey C. Walsh*  
4/25/14

ENGINEER'S NAME:	NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
JEFFREY C. WALSH	1	Revise for Final Submittal	CAH	JCW	4-25-14	DRAWN BY:	THG	11-22-13
ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	11-22-13
41467								

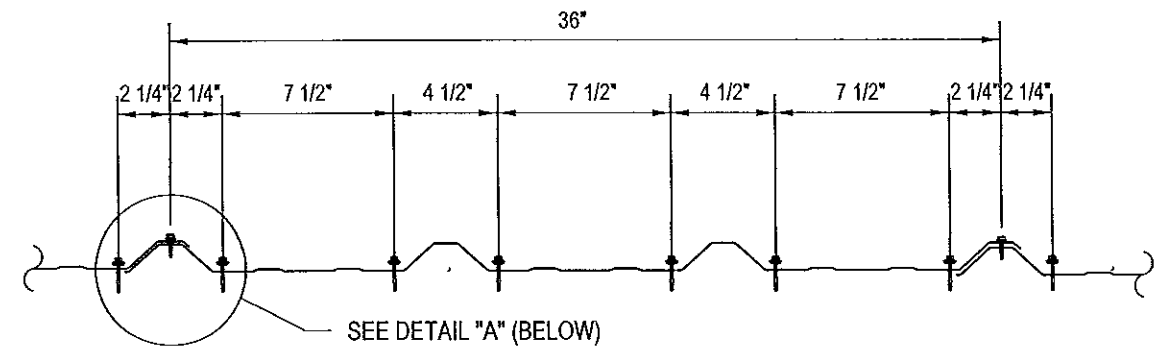
MIAMI-DADE  
LONG SPAN III ROOF PANEL  
CROSS SECTION

EUFAULA	AMERICAN BUILDINGS	ALABAMA
DRAWING NUMBER	MD-L3P24	PAGE 1 of 7

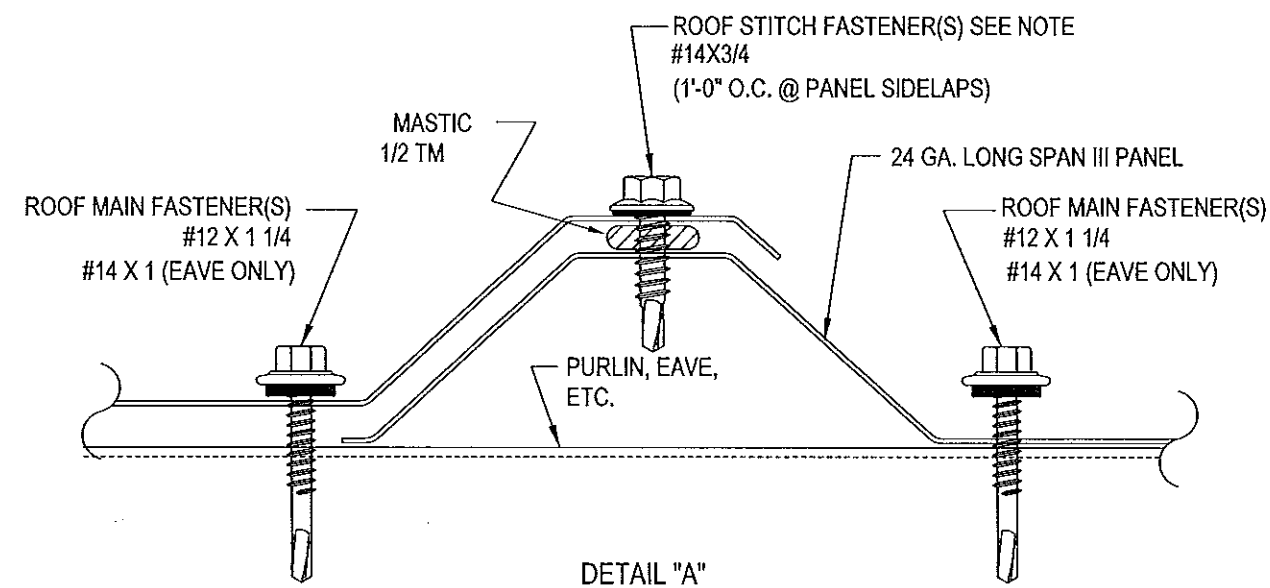
Approved as complying with the  
Florida Building Code  
Date 05/22/2014  
NOA# 13-1205-04  
Miami Dade Product Control  
By *Heather H. H. H.*



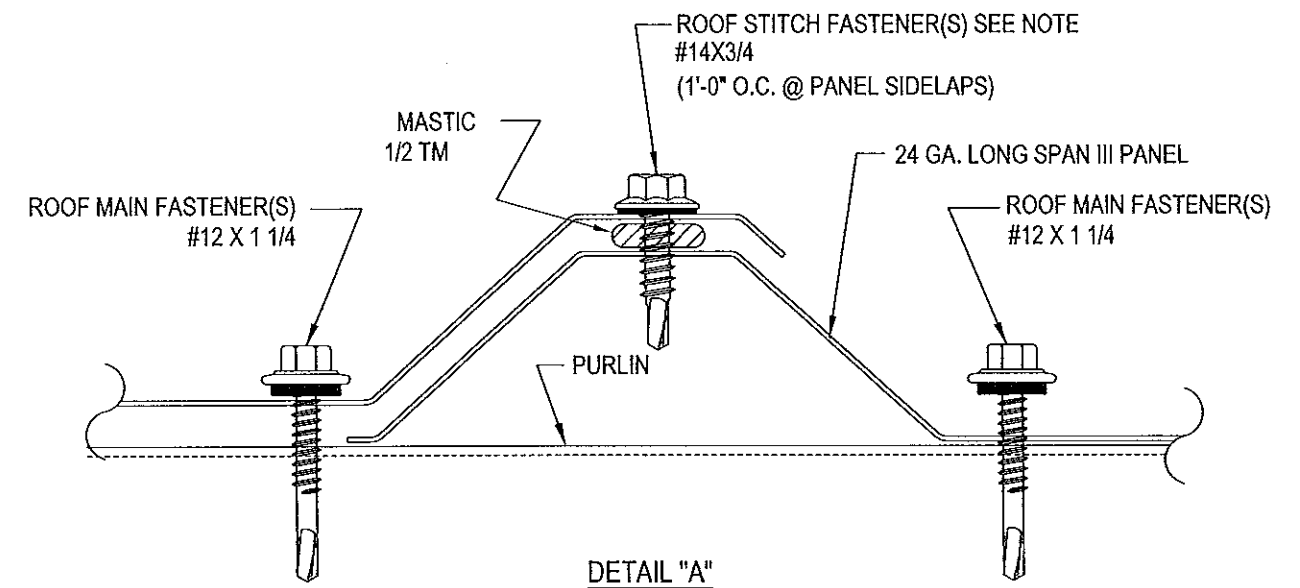
FASTENER LAYOUT AT EAVE, ENDLAPS AND RIDGE



FASTENER LAYOUT AT INTERMEDIATE PURLINS



DETAIL "A"



DETAIL "A"

## FASTENER LAYOUT

LONG SPAN III ROOF - MIAMI-DADE COUNTY NOA 13-1205.04 REQUIREMENT

RC01  
BA-MD

*Jeffrey C. Walsh*  
4/25/14

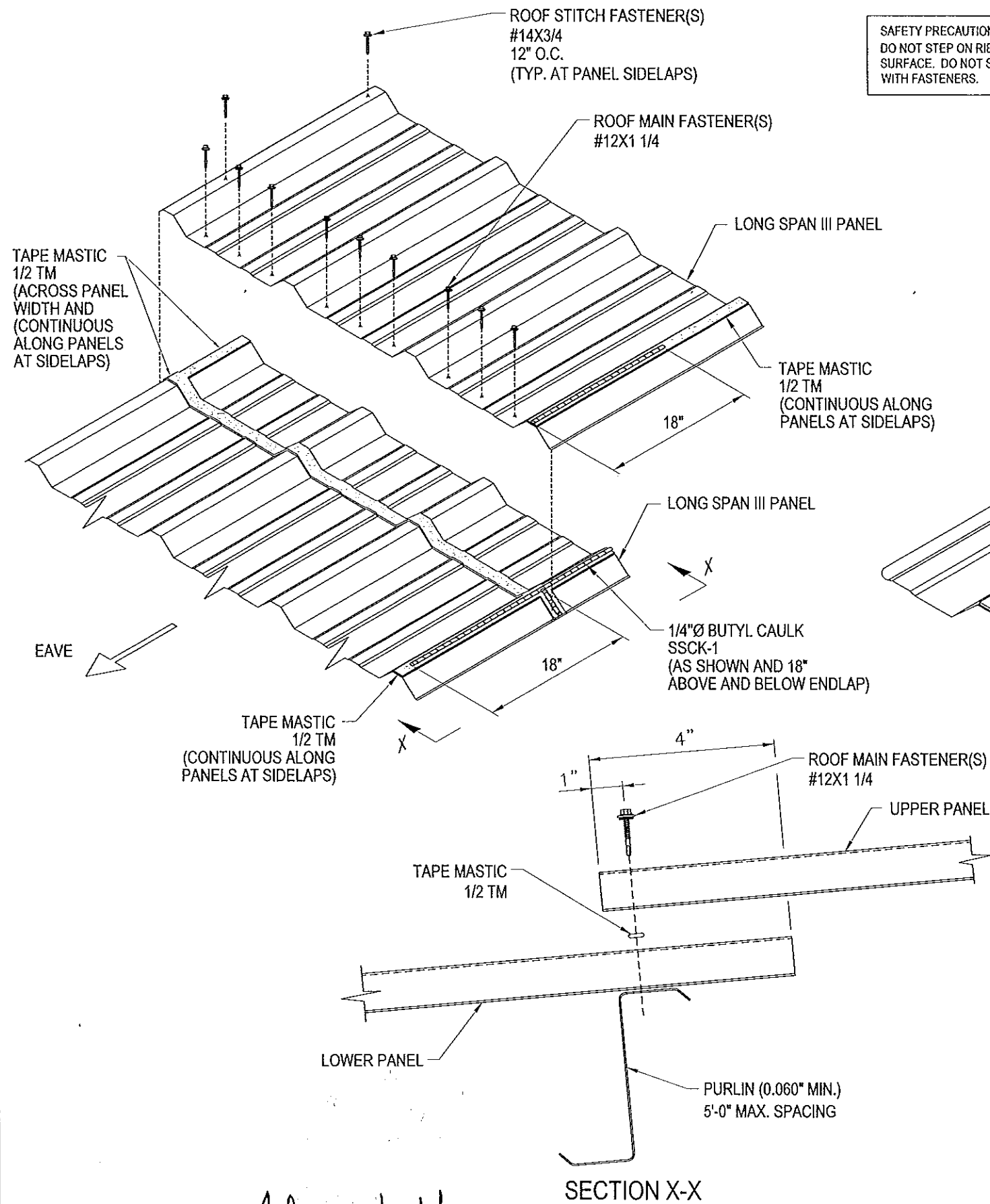
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ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	11-22-13
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MIAMI-DADE  
LONG SPAN III ROOF PANEL  
SECTION AT PANEL SIDELAP

EUFAULA	AMERICAN BUILDINGS	ALABAMA
DRAWING NUMBER	MD-L3P24	PAGE 2 of 7

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Miami Dade Product Control

By *Heather H. H. H.*



SAFETY PRECAUTION  
DO NOT STEP ON RIB OF PANEL. ALWAYS STEP ON FLAT SURFACE. DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.

PANEL LAP DETAIL  
LONG SPAN III ROOF

ALL AREAS ON ALUMINUM COATED PANELS THAT REQUIRE MASTIC SHOULD BE WIPED CLEAN WITH A MILD ALL PURPOSE DETERGENT CLEANER BEFORE MASTIC APPLICATION.

INSTALL A CONTINUOUS RUN OF MASTIC ALONG THE LENGTH OF THE PANELS WHERE ALL SIDELAPS OCCUR AS SHOWN IN THE DETAIL AT LEFT. SECURE THE ENDLAPS WITH #12X1 1/4 ROOF FASTENERS AND THE PANEL SIDELAPS WITH #14 STITCH ROOF FASTENERS.

RC07  
BA-MD

*Jeffrey C. Walsh*  
4/25/14

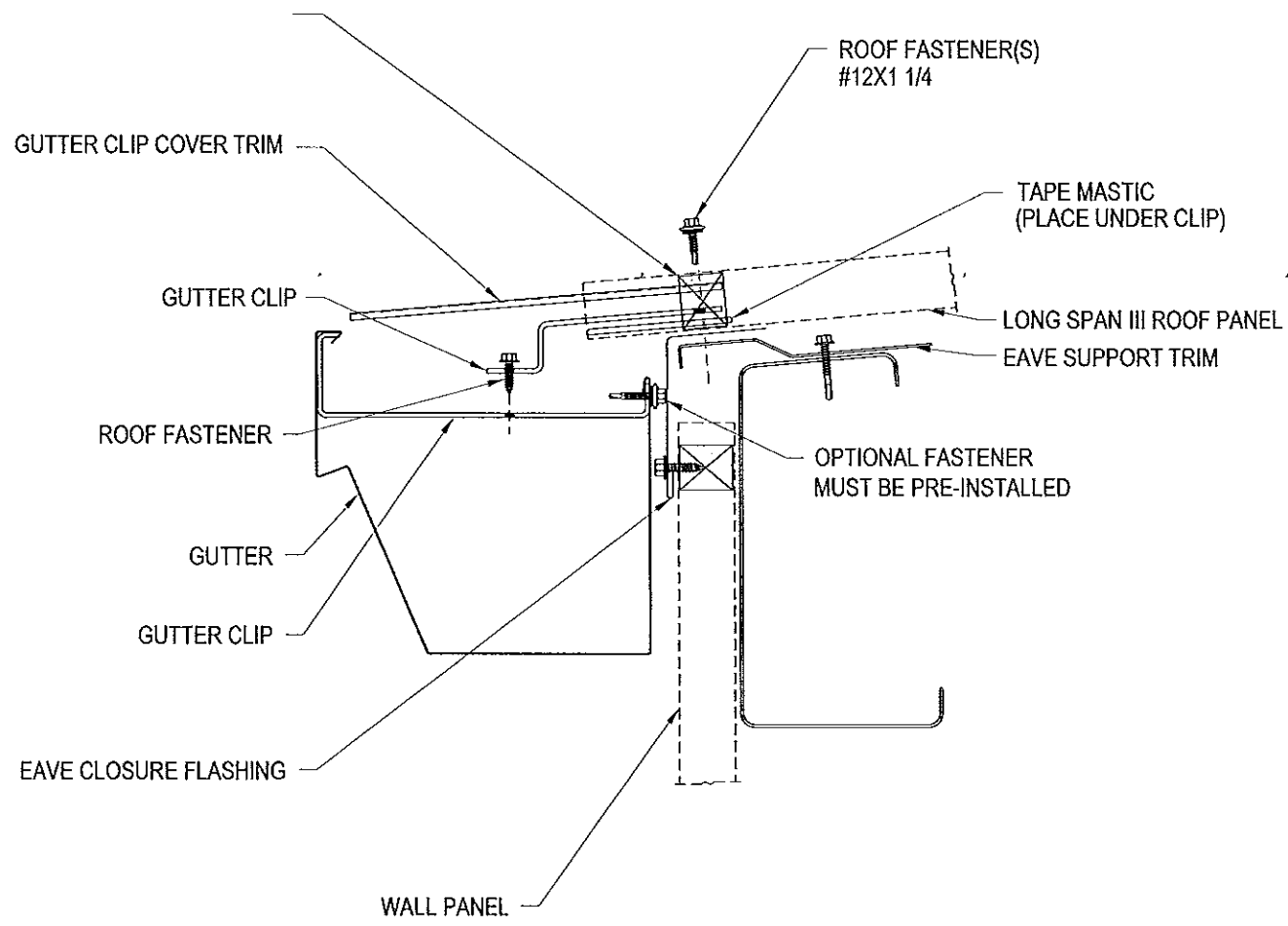
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JEFFREY C. WALSH	1	Revise for Final Submittal	CAH	JCW	4-25-14	DRAWN BY:	THG	11-22-13
ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	11-22-13
41467								

MIAMI-DADE  
LONG SPAN III ROOF PANEL  
SECTION AT PANEL ENDLAP

EUFAULA	AMERICAN BUILDINGS	ALABAMA
DRAWING NUMBER	MD-L3P24	PAGE 3 of 7

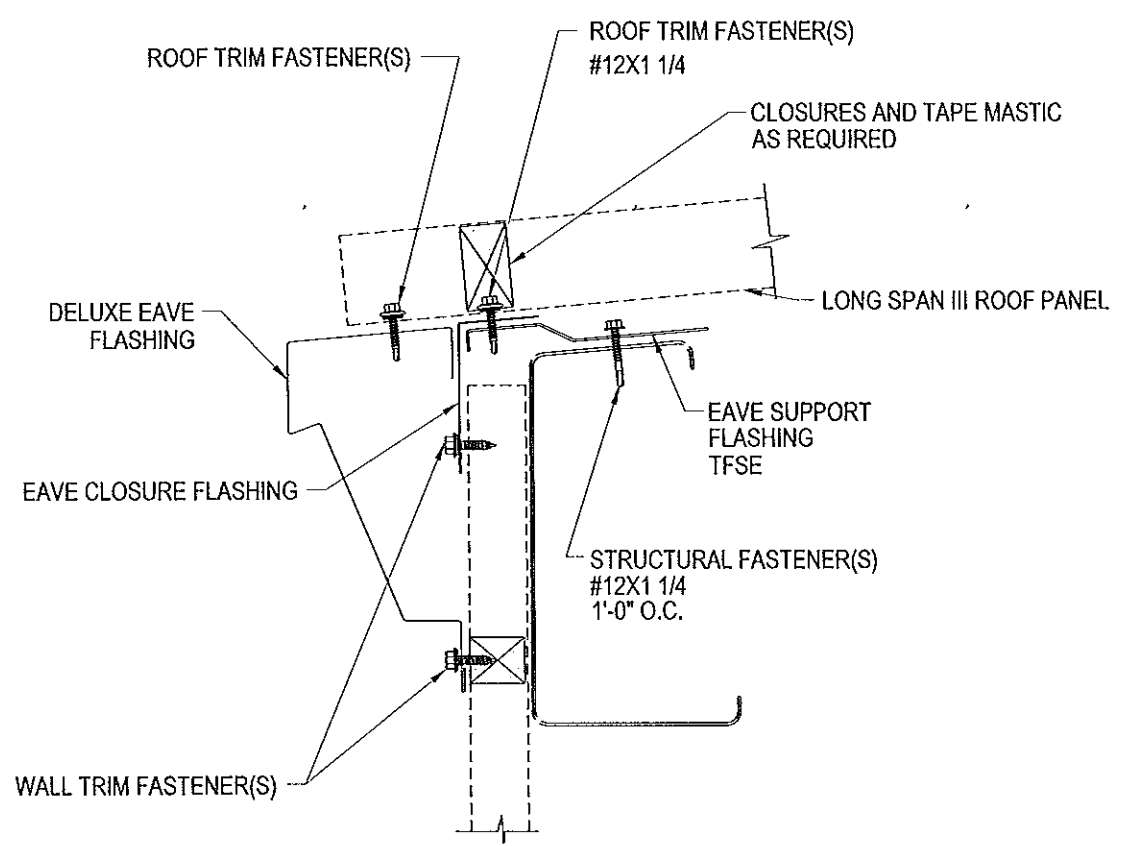
Approved as complying with the  
Florida Building Code  
Date 05/23/2014  
NOAH 13-12-05-04  
Miami Dade Product Control

By *Heidi A. Miller*



STANDARD GUTTER DETAIL WITH GUTTER CLIP ATTACHMENT

EA01  
AA-MD



DELUXE EAVE FLASHING INSTALLATION

EA03  
AA-MD

*Jeffrey C. Walsh*  
4/25/14

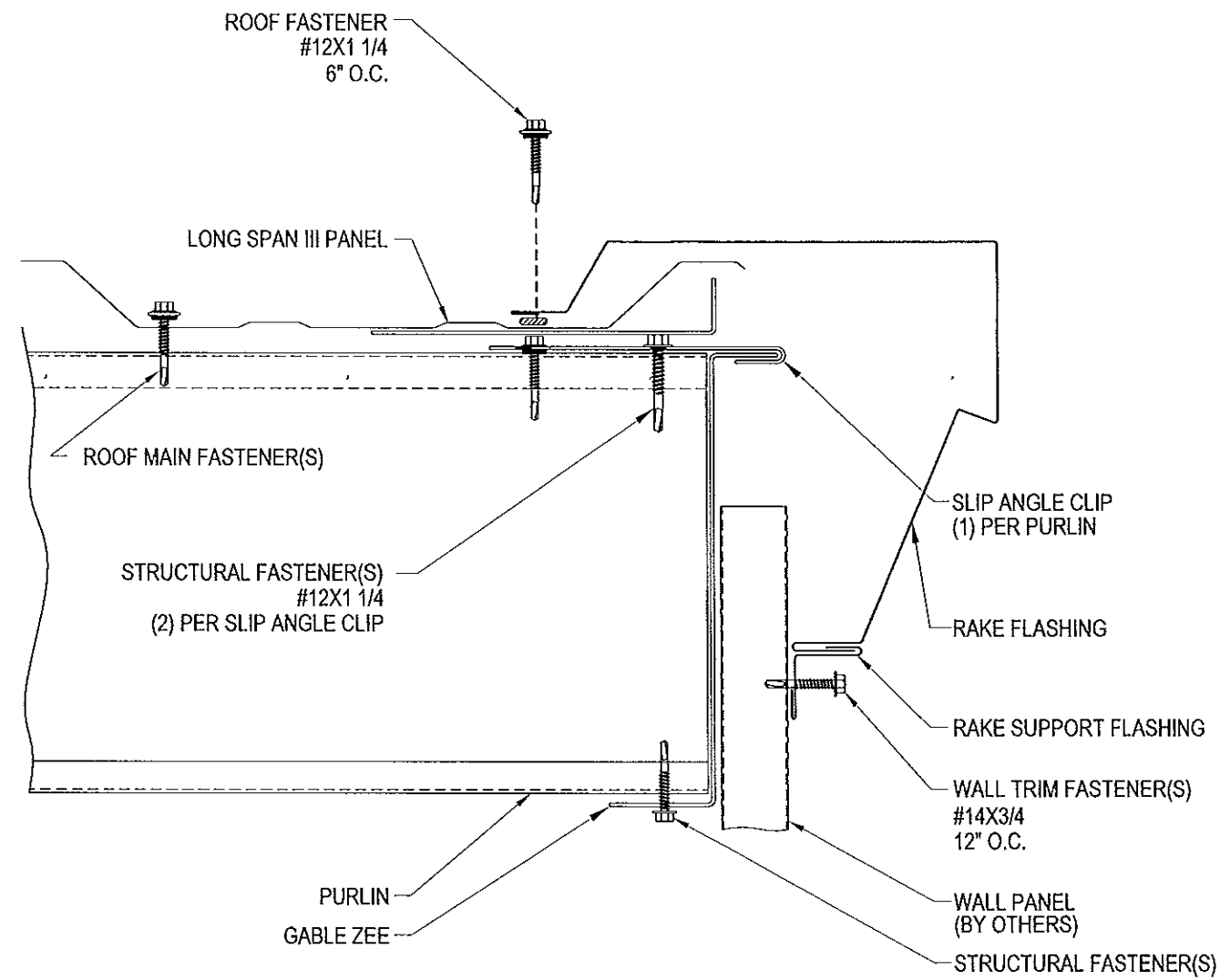
ENGINEER'S NAME:  
JEFFREY C. WALSH  
ENGINEER'S STATE REGISTRATION NO.:  
41467

NO.	REVISIONS	MADE	CK'D	DATE	SCALE:	NONE	DATE
1	Revise for Final Submittal	CAH	JCW	4-25-14	DRAWN BY:	THG	11-22-13
					CHK'D BY:	JCW	11-22-13

MIAMI-DADE  
LONG SPAN III ROOF PANEL  
SECTION AT EAVE

EUFALA  
AMERICAN BUILDINGS  
DRAWING NUMBER: MD-L3P24  
PAGE 4 of 7

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Date 05/22/2014  
NOA# 13-1305-04  
Miami Dade Product Control  
By *Jeffrey C. Walsh*



RAKE DETAIL  
LONG SPAN III ROOF PANEL

RA02  
BA-MD

*Jeffrey C. Walsh*  
4/25/14

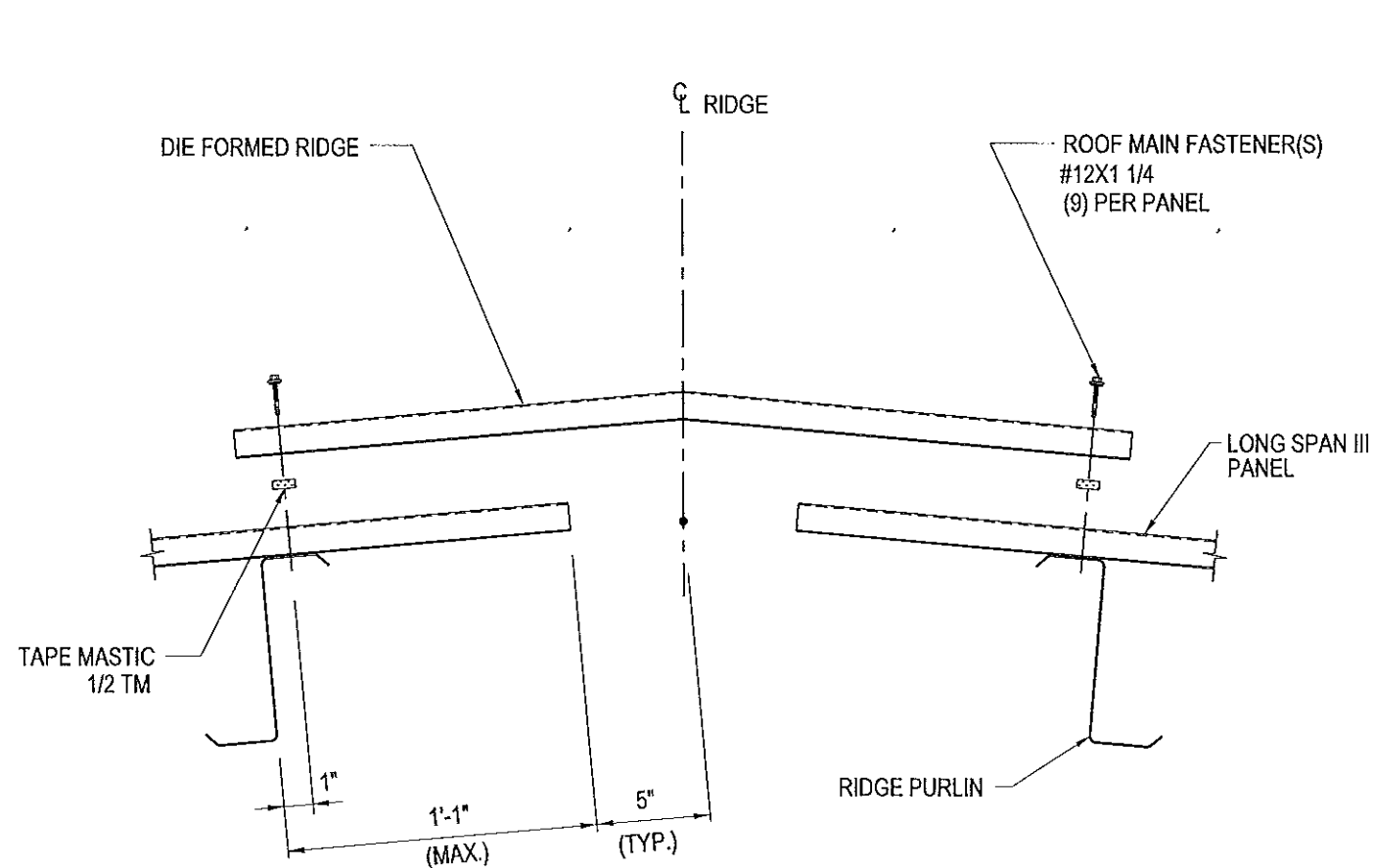
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ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	11-22-13
41467								

MIAMI-DADE  
LONG SPAN III ROOF PANEL  
SECTION AT RAKE

EUFAULA		ALABAMA
AMERICAN BUILDINGS		
DRAWING NUMBER	MD-L3P24	PAGE 5 of 7

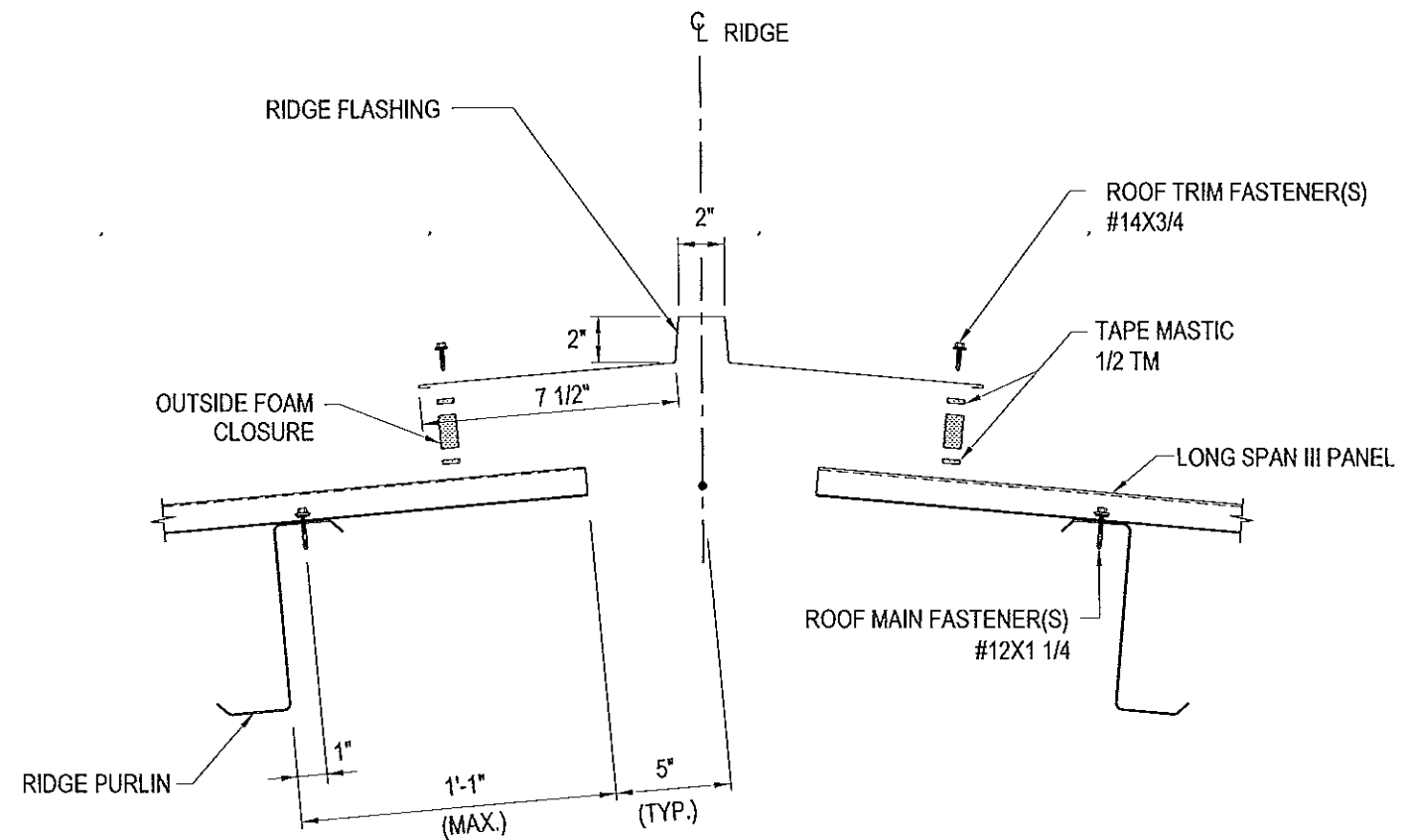
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NOAH 13-1205.04  
Miami Dade Product Control

By *Jeffrey C. Walsh*



RIDGE DETAIL  
LONG SPAN III ROOF W/DIE FORMED RIDGE

RC31  
BA-MD



RIDGE DETAIL  
LONG SPAN III ROOF W/RIDGE FLASHING

RC32  
BA-MD

*Jeffrey C. Walsh*  
4/25/14

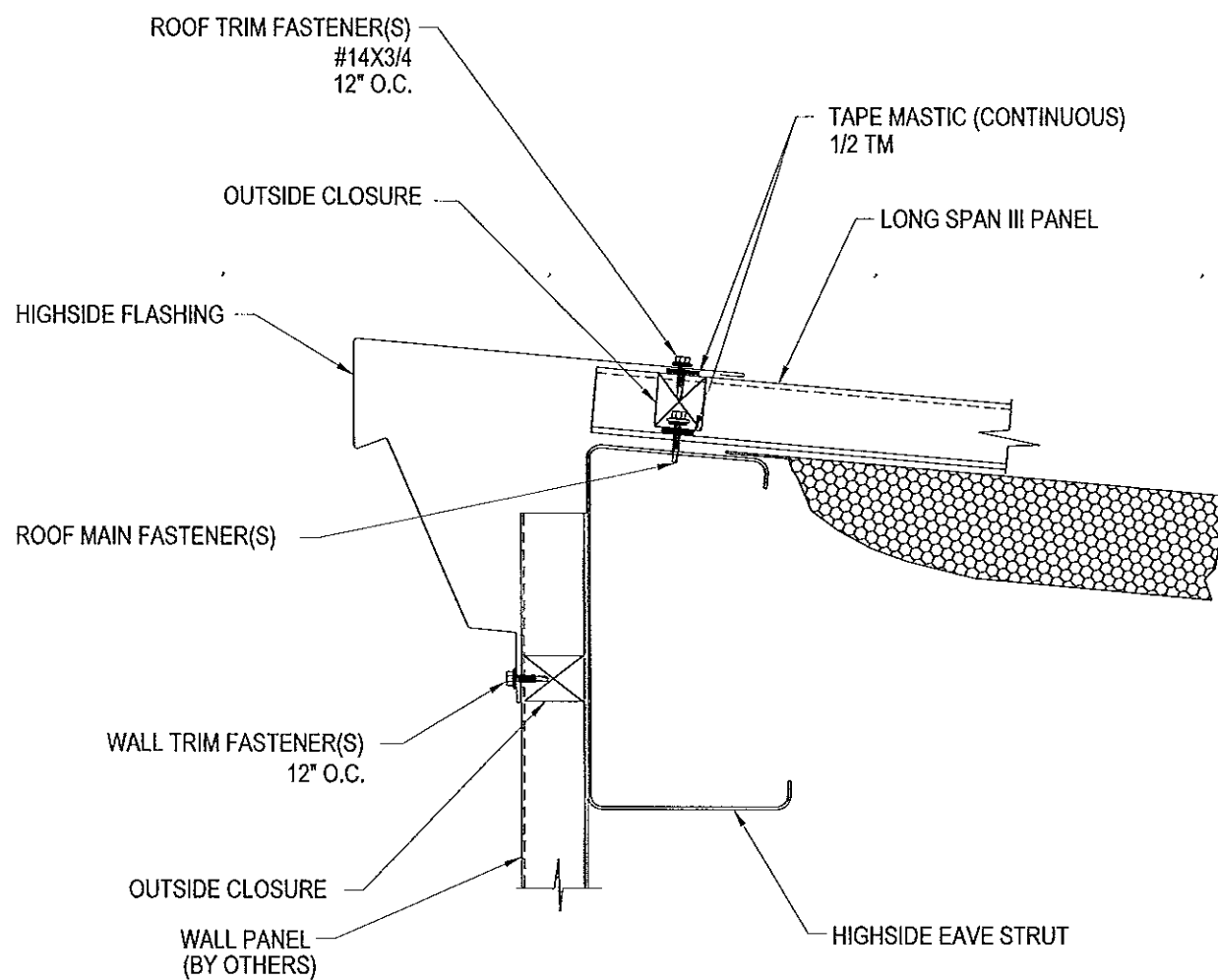
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ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	11-22-13
41467								

MIAMI-DADE  
LONG SPAN III ROOF PANEL  
SECTION AT RIDGE

EUFULA	AMERICAN BUILDINGS	ALABAMA
DRAWING NUMBER	MD-L3P24	PAGE 6 of 7

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Date 05/22/2014  
NOA# 13-1205-04  
Miami Dade Product Control  
By *[Signature]*





HIGHSIDE EAVE FLASHING ATTACHMENT  
LONG SPAN III ROOF

EA05
BB-MD

*Jeffrey C. Walsh*  
4/25/14

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ENGINEER'S STATE REGISTRATION NO.:						CHK'D BY:	JCW	11-22-13
41467								

MIAMI-DADE  
LONG SPAN III ROOF PANEL  
SECTION AT HIGH SIDE EAVE

EUFAULA  AMERICAN BUILDINGS <small>INCORPORATED</small>			ALABAMA	
DRAWING NUMBER:	MD-L3P24		PAGE 7 of 7	

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Miami Dade Product Control

By *[Signature]*